

CJ90  
1207

OIPE

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/761,116

DATE: 12/20/2001  
 TIME: 14:10:03

Input Set : N:\CrF3\RULE60\09761116.txt  
 Output Set: N:\CRF3\12202001\I761116.raw

4 <110> APPLICANT: American Home Products Corp.  
 5 Susulic, Vedrana S.  
 6 Duzic, Edmira  
 8 <120> TITLE OF INVENTION: TRANSCRIPTIONAL REGULATION OF THE HUMAN  
 9 B3-ADRENERGIC RECEPTOR GENE  
 12 <130> FILE REFERENCE: 0630/0E791  
 14 <140> CURRENT APPLICATION NUMBER: 09/761,116  
 15 <141> CURRENT FILING DATE: 2001-01-16  
 17 <150> PRIOR APPLICATION NUMBER: 09/243,335  
 18 <151> PRIOR FILING DATE: 1999-02-01  
 W--> 19 <160> NUMBER OF SEQ ID: 49  
 21 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 23 <210> SEQ ID NO: 1  
 24 <211> LENGTH: 12  
 25 <212> TYPE: DNA  
 26 <213> ORGANISM: Artificial Sequence  
 28 <220> FEATURE:  
 29 <223> OTHER INFORMATION: Oligonucleotide  
 31 <400> SEQUENCE: 1 12  
 32 gcctctgggg ag  
 34 <210> SEQ ID NO: 2  
 35 <211> LENGTH: 10  
 36 <212> TYPE: DNA  
 37 <213> ORGANISM: Artificial Sequence  
 39 <220> FEATURE:  
 40 <223> OTHER INFORMATION: Oligonucleotide  
 42 <400> SEQUENCE: 2 10  
 43 aggtgggact  
 45 <210> SEQ ID NO: 3  
 46 <211> LENGTH: 200  
 47 <212> TYPE: DNA  
 48 <213> ORGANISM: Homo sapien  
 50 <220> FEATURE:  
 52 <400> SEQUENCE: 3  
 53 cctggaaagga agcctaagca tttgggcctg ggtttaggt gggactcgta acctctccca 60  
 54 gcctctgggg agcagcttct ccaatagtcg agggtctcaa tgaccttcct tccttccttc 120  
 55 cttccttcct tccttccttc cttccttcct tccttccttc cttccttcct tccttccttc 180  
 56 cttcgtgcga cttgcggaaa 200  
 58 <210> SEQ ID NO: 4  
 59 <211> LENGTH: 9  
 60 <212> TYPE: DNA  
 61 <213> ORGANISM: Artificial Sequence  
 63 <220> FEATURE:  
 64 <223> OTHER INFORMATION: Consensus binding site from viral and cellular  
 65 promoters, where nucleotide 4, 5 and 6 can be A, T, C or G  
 67 <400> SEQUENCE: 4  
 W--> 68 gccnnnnggc 9

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Input Set : N:\Crf3\RULE60\09761116.txt  
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70 <210> SEQ ID NO: 5  
71 <211> LENGTH: 26  
72 <212> TYPE: DNA  
73 <213> ORGANISM: Artificial Sequence  
75 <220> FEATURE:  
76 <223> OTHER INFORMATION: Oligonucleotide primer  
78 <400> SEQUENCE: 5  
79 ctttccctac cgccccacgc gcgatc 26  
81 <210> SEQ ID NO: 6  
82 <211> LENGTH: 27  
83 <212> TYPE: DNA  
84 <213> ORGANISM: Artificial Sequence  
86 <220> FEATURE:  
87 <223> OTHER INFORMATION: Oligonucleotide primer  
89 <400> SEQUENCE: 6  
90 gtggcgccca acggccagtg gccagtc 27  
92 <210> SEQ ID NO: 7  
93 <211> LENGTH: 27  
94 <212> TYPE: DNA  
95 <213> ORGANISM: Artificial Sequence  
97 <220> FEATURE:  
98 <223> OTHER INFORMATION: Oligonucleotide primer  
100 <400> SEQUENCE: 7 27  
101 ttggcgctga ctggccactg gccgttg  
103 <210> SEQ ID NO: 8  
104 <211> LENGTH: 25  
105 <212> TYPE: DNA  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Oligonucleotide primer  
111 <400> SEQUENCE: 8 25  
112 gcgcgttagac gaagagcatc acgag  
114 <210> SEQ ID NO: 9  
115 <211> LENGTH: 25  
116 <212> TYPE: DNA  
117 <213> ORGANISM: Artificial Sequence  
119 <220> FEATURE:  
120 <223> OTHER INFORMATION: Oligonucleotide primer  
122 <400> SEQUENCE: 9  
123 ctcgtatgc tcttcgtcts cgcg 25  
125 <210> SEQ ID NO: 10  
126 <211> LENGTH: 28  
127 <212> TYPE: DNA  
128 <213> ORGANISM: Artificial Sequence  
130 <220> FEATURE:  
131 <223> OTHER INFORMATION: Oligonucleotide primer  
133 <400> SEQUENCE: 10  
134 gtgaagggtgc ccatgtatgag acccaagg 28  
136 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING  
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Input Set : N:\Crf3\RULE60\09761116.txt  
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137 <211> LENGTH: 27  
138 <212> TYPE: DNA  
139 <213> ORGANISM: Artificial Sequence  
141 <220> FEATURE:  
142 <223> OTHER INFORMATION: Oligonucleotide primer  
144 <400> SEQUENCE: 11  
145 ccctgtgcac cttgggtctc atcatgg 27  
147 <210> SEQ ID NO: 12  
148 <211> LENGTH: 22  
149 <212> TYPE: DNA  
150 <213> ORGANISM: Artificial Sequence  
152 <220> FEATURE:  
153 <223> OTHER INFORMATION: Oligonucleotide primer  
155 <400> SEQUENCE: 12 22  
156 cctctgcccc ggttacctac cc  
158 <210> SEQ ID NO: 13  
159 <211> LENGTH: 23  
160 <212> TYPE: DNA  
161 <213> ORGANISM: Artificial Sequence  
163 <220> FEATURE:  
164 <223> OTHER INFORMATION: Oligonucleotide primer  
166 <400> SEQUENCE: 13  
167 actcactata gggctcgagc ggc 23  
169 <210> SEQ ID NO: 14  
170 <211> LENGTH: 25  
171 <212> TYPE: DNA  
172 <213> ORGANISM: Artificial Sequence  
174 <220> FEATURE:  
175 <223> OTHER INFORMATION: Oligonucleotide primer  
177 <400> SEQUENCE: 14  
178 ggcagccac tggtgttggc ggtat 25  
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181 <211> LENGTH: 26  
182 <212> TYPE: DNA  
183 <213> ORGANISM: Artificial Sequence  
185 <220> FEATURE:  
186 <223> OTHER INFORMATION: Oligonucleotide primer  
188 <400> SEQUENCE: 15  
189 ggtacctcta ggtggaaagg tgcatt 26  
191 <210> SEQ ID NO: 16  
192 <211> LENGTH: 23  
193 <212> TYPE: DNA  
194 <213> ORGANISM: Artificial Sequence  
196 <220> FEATURE:  
197 <223> OTHER INFORMATION: Oligonucleotide primer  
199 <400> SEQUENCE: 16  
200 aagcttagtc ccctccctgt cgt 23  
202 <210> SEQ ID NO: 17  
203 <211> LENGTH: 17

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Input Set : N:\Crf3\RULE60\09761116.txt  
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204 <212> TYPE: DNA  
205 <213> ORGANISM: Artificial Sequence  
207 <220> FEATURE:  
208 <223> OTHER INFORMATION: Oligonucleotide primer  
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211 ctgcaggggt tgagaac 17  
213 <210> SEQ ID NO: 18  
214 <211> LENGTH: 31  
215 <212> TYPE: DNA  
216 <213> ORGANISM: Artificial Sequence  
218 <220> FEATURE:  
219 <223> OTHER INFORMATION: Oligonucleotide primer  
221 <400> SEQUENCE: 18  
222 gcttagcgaa gtgcaatcta taacacaggg g 31  
224 <210> SEQ ID NO: 19  
225 <211> LENGTH: 27  
226 <212> TYPE: DNA  
227 <213> ORGANISM: Artificial Sequence  
229 <220> FEATURE:  
230 <223> OTHER INFORMATION: Oligonucleotide primer  
232 <400> SEQUENCE: 19  
233 gtcgacgctg ggattcagg tccgtgc 27  
235 <210> SEQ ID NO: 20  
236 <211> LENGTH: 27  
237 <212> TYPE: DNA  
238 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
241 <223> OTHER INFORMATION: Oligonucleotide primer  
243 <400> SEQUENCE: 20  
244 gtcgacatgc ttaggcttcc ttccagg 27  
246 <210> SEQ ID NO: 21  
247 <211> LENGTH: 27  
248 <212> TYPE: DNA  
249 <213> ORGANISM: Artificial Sequence  
251 <220> FEATURE:  
252 <223> OTHER INFORMATION: Oligonucleotide primer  
254 <400> SEQUENCE: 21  
255 gtcgaccctt tgcaagtggc acgaagg 27  
257 <210> SEQ ID NO: 22  
258 <211> LENGTH: 26  
259 <212> TYPE: DNA  
260 <213> ORGANISM: Artificial Sequence  
262 <220> FEATURE:  
263 <223> OTHER INFORMATION: Oligonucleotide primer  
265 <400> SEQUENCE: 22  
266 gtcgacacct gccagtctgc cttctc 26  
268 <210> SEQ ID NO: 23  
269 <211> LENGTH: 29  
270 <212> TYPE: DNA

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Input Set : N:\Crf3\RULE60\09761116.txt  
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271 <213> ORGANISM: Artificial Sequence  
273 <220> FEATURE:  
274 <223> OTHER INFORMATION: Oligonucleotide primer  
276 <400> SEQUENCE: 23  
277 gtcgacccta ggtggcagag cgagactct 29  
279 <210> SEQ ID NO: 24  
280 <211> LENGTH: 31  
281 <212> TYPE: DNA  
282 <213> ORGANISM: Artificial Sequence  
284 <220> FEATURE:  
285 <223> OTHER INFORMATION: Oligonucleotide primer  
287 <400> SEQUENCE: 24  
288 ggttaccgcaa gtgcataatcta taacacaggg g 31  
290 <210> SEQ ID NO: 25  
291 <211> LENGTH: 28  
292 <212> TYPE: DNA  
293 <213> ORGANISM: Artificial Sequence  
295 <220> FEATURE:  
296 <223> OTHER INFORMATION: Oligonucleotide primer  
298 <400> SEQUENCE: 25  
299 ggttaccctt ttgcaagtgg cacgaagg 28  
301 <210> SEQ ID NO: 26  
302 <211> LENGTH: 20  
303 <212> TYPE: DNA  
304 <213> ORGANISM: Artificial Sequence  
306 <220> FEATURE:  
307 <223> OTHER INFORMATION: Oligonucleotide primer  
309 <400> SEQUENCE: 26  
310 gttgttcctg ggactcgta 20  
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313 <211> LENGTH: 34  
314 <212> TYPE: DNA  
315 <213> ORGANISM: Artificial Sequence  
317 <220> FEATURE:  
318 <223> OTHER INFORMATION: Oligonucleotide primer  
320 <400> SEQUENCE: 27  
321 tgggactcgt gacctctccc agccagacgg gagc 34  
323 <210> SEQ ID NO: 28  
324 <211> LENGTH: 21  
325 <212> TYPE: DNA  
326 <213> ORGANISM: Artificial Sequence  
328 <220> FEATURE:  
329 <223> OTHER INFORMATION: Oligonucleotide primer  
331 <400> SEQUENCE: 28  
332 cctggaaagga agcctaagca t 21  
334 <210> SEQ ID NO: 29  
335 <211> LENGTH: 21  
336 <212> TYPE: DNA  
337 <213> ORGANISM: Artificial Sequence

**VERIFICATION SUMMARY****PATENT APPLICATION:** US/09/761,116**DATE:** 12/20/2001**TIME:** 14:10:04**Input Set :** N:\Crf3\RULE60\09761116.txt  
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L:19 M:283 W: Missing Blank Line separator, <160> field identifier  
L:68 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:4  
L:68 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:4  
L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4